

In the Claims:

1. (Previously presented) A mixer-system comprising:

a mixer-circuit with at least two mixers for frequency translating signals comprising audio/video information; and

an amplitude detector directly connected to the mixer-circuit for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals comprising audio/video information, and

wherein said at least one output signal of said mixer-circuit includes a signal having video-image data without audio data and wherein audio data is processed in a signal path that is separate from said signal having video-image data.

2. (Currently amended) A mixer-system according to claim 1, wherein

said amplitude detector comprises at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit,

said mixer-circuit further comprises at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier-circuit, and

further including a polyphase filter connected to the amplifier-circuits to suppress data in at least one of said signals, the amplifier-circuits being connected between the polyphase filter and at least two mixers ~~the amplifier-circuits~~.

3. (Previously presented) A mixer-system according to claim 2, wherein said amplitude detector comprises at least two level detectors each comprising an output coupled to an input of an amplifier.

4. (Previously presented) A mixer-system according to claim 2, wherein said mixer-system comprises at least one further amplitude detector per amplifier-circuit of which

further amplitude detector at least one input is coupled to at least one output of said amplifier-circuit and of which further amplitude detector at least one output is coupled to said amplifier-circuit for controlling a gain of said amplifier-circuit for making common-mode corrections.

5. (Previously presented) A mixer-system according to claim 4, wherein said further amplitude detector comprises at least two level detectors with inputs of said level detectors being coupled to outputs of said amplifier-circuit and with outputs of said level detectors being coupled to inputs of an amplifier.

6. (Previously presented) Mixer-system, comprising: a mixer-circuit with at least two mixers for frequency translating signals comprising audio/video information and comprising an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals comprising audio/video information, wherein said amplitude detector comprises at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit, with said mixer-circuit further comprising at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier-circuit, wherein said further amplitude detector includes at least two level detectors with inputs of said level detectors being coupled to outputs of said amplifier-circuit and with outputs of said level detectors being coupled to inputs of an amplifier and wherein said further amplitude detector includes at least one adder for adding output signals of said amplifier-circuit, which adder includes an output coupled to an input of a level detector comprising an output coupled to an input of an amplifier, which amplifier includes an output coupled to an input of a range detector and to an input of an inverter controlled by said range detector.

7. (Previously presented) A mixer-system according to claim 2, wherein said amplifier-circuits each comprise an amplifier with at least a first input and a first output coupled to

each other via a first resistor-element and with at least a second input and a second output coupled to each other via a second resistor-element, with at least one resistor-element in at least one of said amplifier-circuits being adjustable for controlling the gain of said amplifier-circuit.

8. (Previously presented) Mixer-system comprising: a mixer-circuit with at least two mixers for frequency translating signals including audio/video information and including an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals including audio/video information, wherein said amplitude detector includes at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit, with said mixer-circuit further including at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier-circuit, and wherein at least one output of one of said amplifier-circuits is coupled to at least one input of the other amplifier-circuit via at least one further resistor-element which is adjustable for making phase corrections.

9. (Previously presented) An apparatus comprising at least one polyphase filter and a mixer-system coupled to said polyphase filter, which mixer-system comprises a mixer-circuit with at least two mixers for frequency translating signals comprising audio/video information and comprising an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating of said signals comprising audio/video information.

10. Cancelled.

11. (Previously presented) A mixer-system comprising:
a mixer-circuit including

at least two mixers configured and arranged to frequency-translate signals comprising audio/video information using a local oscillator signal, and to provide output signals including a video data signal and an audio data signal, and

an amplifier circuit connected to the at least two mixers for making amplitude corrections for at least one of said output signals during said frequency translating of said signals; and

a polyphase filter connected to the amplifier circuit and configured to receive and filter at least one of said output signals, the amplifier circuit being connected between the polyphase filter and the at least two mixers;

the mixer-circuit and polyphase filter being configured and arranged to suppress the video signal from at least one of said output signals.